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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/820,403

DATE: 08/04/2004

TIME: 08:26:38

Input Set : N:\CrF3\RULE60\10820403.raw  
 Output Set: N:\CRF4\08042004\J820403.raw

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1 <110> APPLICANT: Sato, Taka-Aki
2 <120> TITLE OF INVENTION: METHOD OF PREPARING A PROTEIN ARRAY BASED ON
3     BIOCHEMICAL PROTEIN-PROTEIN INTERACTION
4 <130> FILE REFERENCE: 65823/JPW/PT
5 <140> CURRENT APPLICATION NUMBER: US/10/820,403
6 <141> CURRENT FILING DATE: 2004-04-08
7 <150> PRIOR APPLICATION NUMBER: US/10/092,138
8 <151> PRIOR FILING DATE: 2002-03-06
9 <160> NUMBER OF SEQ ID NOS: 34
10 <170> SOFTWARE: PatentIn Ver. 2.1
12 <210> SEQ ID NO: 1
13 <211> LENGTH: 4
14 <212> TYPE: PRT
15 <213> ORGANISM: Artificial Sequence
16 <220> FEATURE:
17 <223> OTHER INFORMATION: Description of Artificial
18     Sequence:source:synthesized
19 <220> FEATURE:
20 <221> NAME/KEY: SITE
21 <222> LOCATION: (1)
22 <223> OTHER INFORMATION: Xaa=Gly, Ser, Ala or Glu
23 <220> FEATURE:
24 <221> NAME/KEY: SITE
25 <222> LOCATION: (4)
26 <223> OTHER INFORMATION: Xaa=Phe, Ile or Leu
27 <400> SEQUENCE: 1
W--> 28     Xaa Leu Gly Xaa
29         1
31 <210> SEQ ID NO: 2
32 <211> LENGTH: 9
33 <212> TYPE: PRT
34 <213> ORGANISM: Artificial Sequence
35 <220> FEATURE:
36 <223> OTHER INFORMATION: Description of Artificial
37     Sequence:source:synthesized
38 <220> FEATURE:
39 <221> NAME/KEY: SITE
40 <222> LOCATION: (1)
41 <223> OTHER INFORMATION: Xaa=Lys, Arg or Gln
42 <220> FEATURE:
43 <221> NAME/KEY: SITE
44 <222> LOCATION: (2)..(5)
45 <223> OTHER INFORMATION: Xaa=any amino acid, up to 2 Xaa may be missing

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**ENTERED**

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46 <220> FEATURE:  
47 <221> NAME/KEY: SITE  
48 <222> LOCATION: (6)  
49 <223> OTHER INFORMATION: Xaa=Gly, Ser, Ala or Glu  
50 <220> FEATURE:  
51 <221> NAME/KEY: SITE  
52 <222> LOCATION: (9)  
53 <223> OTHER INFORMATION: Xaa=Phe, Ile or Leu  
54 <400> SEQUENCE: 2  
**W--> 55       Xaa Xaa Xaa Xaa Xaa Leu Gly Xaa**  
56               1                                 5  
58 <210> SEQ ID NO: 3  
59 <211> LENGTH: 4  
60 <212> TYPE: PRT  
61 <213> ORGANISM: Artificial Sequence  
62 <220> FEATURE:  
63 <223> OTHER INFORMATION: Description of Artificial  
64       Sequence:source:synthesized  
65 <400> SEQUENCE: 3  
66       Ser Leu Gly Ile  
67               1  
69 <210> SEQ ID NO: 4  
70 <211> LENGTH: 3  
71 <212> TYPE: PRT  
72 <213> ORGANISM: Artificial Sequence  
73 <220> FEATURE:  
74 <223> OTHER INFORMATION: Description of Artificial  
75       Sequence:source:synthesized  
76 <220> FEATURE:  
77 <221> NAME/KEY: SITE  
78 <222> LOCATION: (1)  
79 <223> OTHER INFORMATION: Xaa=Ser or Thr  
80 <220> FEATURE:  
81 <221> NAME/KEY: SITE  
82 <222> LOCATION: (2)  
83 <223> OTHER INFORMATION: Xaa=any one amino acid  
84 <220> FEATURE:  
85 <221> NAME/KEY: SITE  
86 <222> LOCATION: (3)  
87 <223> OTHER INFORMATION: Xaa=Val, Ile or Leu  
88 <400> SEQUENCE: 4  
**W--> 89       Xaa Xaa Xaa**  
90               1  
92 <210> SEQ ID NO: 5  
93 <211> LENGTH: 15  
94 <212> TYPE: PRT  
95 <213> ORGANISM: human  
96 <400> SEQUENCE: 5  
97       Asp Ser Glu Asn Ser Asn Phe Arg Asn Glu Ile Gln Ser Leu Val

RAW SEQUENCE LISTING  
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98           1               5               10              15  
100 <210> SEQ ID NO: 6  
101 <211> LENGTH: 15  
102 <212> TYPE: PRT  
103 <213> ORGANISM: rat  
104 <400> SEQUENCE: 6  
105        Ser Ile Ser Asn Ser Arg Asn Glu Asn Gly Gln Ser Leu Glu  
106           1               5               10              15  
108 <210> SEQ ID NO: 7  
109 <211> LENGTH: 15  
110 <212> TYPE: PRT  
111 <213> ORGANISM: mouse  
112 <400> SEQUENCE: 7  
113        Ser Thr Pro Asp Thr Gly Asn Glu Asn Gly Gln Cys Leu Glu  
114           1               5               10              15  
116 <210> SEQ ID NO: 8  
117 <211> LENGTH: 4  
118 <212> TYPE: PRT  
119 <213> ORGANISM: Artificial Sequence  
120 <220> FEATURE:  
121 <223> OTHER INFORMATION: Description of Artificial  
122        Sequence:source:synthesized  
123 <400> SEQUENCE: 8  
124        Glu Ser Leu Val  
125           1  
127 <210> SEQ ID NO: 9  
128 <211> LENGTH: 6  
129 <212> TYPE: PRT  
130 <213> ORGANISM: Artificial Sequence  
131 <220> FEATURE:  
132 <223> OTHER INFORMATION: Description of Artificial Sequence:  
133        source:synthesized  
134 <400> SEQUENCE: 9  
135        Thr Ile Gln Ser Val Ile  
136           1               5  
138 <210> SEQ ID NO: 10  
139 <211> LENGTH: 8  
140 <212> TYPE: PRT  
141 <213> ORGANISM: Artificial Sequence  
142 <220> FEATURE:  
143 <223> OTHER INFORMATION: Description of Artificial  
144        Sequence:source:synthesized  
145 <400> SEQUENCE: 10  
146        Arg Gly Phe Ile Ser Ser Leu Val  
147           1               5  
149 <210> SEQ ID NO: 11  
150 <211> LENGTH: 8  
151 <212> TYPE: PRT  
152 <213> ORGANISM: Artificial Sequence

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153 <220> FEATURE:
154 <223> OTHER INFORMATION: Description of Artificial
155     Sequence:source:synthesized
156 <400> SEQUENCE: 11
157     Arg Glu Thr Ile Glu Ser Thr Val
158         1           5
160 <210> SEQ ID NO: 12
161 <211> LENGTH: 11
162 <212> TYPE: PRT
163 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Description of Artificial
166     Sequence:source:synthesized
167 <400> SEQUENCE: 12
168     Gln Asn Phe Arg Thr Tyr Ile Val Ser Phe Val
169         1           5           10
171 <210> SEQ ID NO: 13
172 <211> LENGTH: 13
173 <212> TYPE: PRT
174 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Description of Artificial
177     Sequence:source:synthesized
178 <400> SEQUENCE: 13
179     Ser Asp Ser Asn Met Asn Met Asn Glu Leu Ser Glu Val
180         1           5           10
182 <210> SEQ ID NO: 14
183 <211> LENGTH: 15
184 <212> TYPE: PRT
185 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Description of Artificial
188     Sequence:source:synthesized
189 <400> SEQUENCE: 14
190     Pro Pro Thr Cys Ser Gln Ala Asn Ser Gly Arg Ile Ser Thr Leu
191         1           5           10           15
193 <210> SEQ ID NO: 15
194 <211> LENGTH: 15
195 <212> TYPE: PRT
196 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: Description of Artificial
199     Sequence:source:synthesized
200 <400> SEQUENCE: 15
201     Ile Asp Leu Ala Ser Glu Phe Leu Phe Leu Ser Asn Ser Phe Leu
202         1           5           10           15
204 <210> SEQ ID NO: 16
205 <211> LENGTH: 15
206 <212> TYPE: PRT

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Input Set : N:\Crf3\RULE60\10820403.raw  
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207 <213> ORGANISM: Artificial Sequence  
208 <220> FEATURE:  
209 <223> OTHER INFORMATION: Description of Artificial  
210 Sequence:source:synthesized  
211 <400> SEQUENCE: 16  
212 Asp Ser Glu Met Tyr Asn Phe Arg Ser Gln Leu Ala Ser Val Val  
213 1 5 10 15  
215 <210> SEQ ID NO: 17  
216 <211> LENGTH: 15  
217 <212> TYPE: PRT  
218 <213> ORGANISM: Artificial Sequence  
219 <220> FEATURE:  
220 <223> OTHER INFORMATION: Description of Artificial  
221 Sequence:source:synthesized  
222 <400> SEQUENCE: 17  
223 Ile Pro Pro Asp Ser Glu Asp Gly Asn Glu Glu Gln Ser Leu Val  
224 1 5 10 15  
226 <210> SEQ ID NO: 18  
227 <211> LENGTH: 4  
228 <212> TYPE: PRT  
229 <213> ORGANISM: Artificial Sequence  
230 <220> FEATURE:  
231 <223> OTHER INFORMATION: Description of Artificial  
232 Sequence:source:synthesized  
233 <400> SEQUENCE: 18  
234 Gln Ser Leu Val  
235 1  
237 <210> SEQ ID NO: 19  
238 <211> LENGTH: 5  
239 <212> TYPE: PRT  
240 <213> ORGANISM: Artificial Sequence  
241 <220> FEATURE:  
242 <223> OTHER INFORMATION: Description of Artificial Sequence:source  
243 synthesized  
244 <400> SEQUENCE: 19  
245 Ile Gln Ser Leu Val  
246 1 5  
248 <210> SEQ ID NO: 20  
249 <211> LENGTH: 6  
250 <212> TYPE: PRT  
251 <213> ORGANISM: Artificial Sequence  
252 <220> FEATURE:  
253 <223> OTHER INFORMATION: Description of Artificial  
254 Sequence:source:synthesized  
255 <400> SEQUENCE: 20  
256 Glu Ile Gln Ser Leu Val  
257 1 5  
259 <210> SEQ ID NO: 21  
260 <211> LENGTH: 7

RAW SEQUENCE LISTING ERROR SUMMARY  
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Input Set : N:\Crf3\RULE60\10820403.raw  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1,4  
Seq#:2; Xaa Pos. 1,2,3,4,5,6,9  
Seq#:4; Xaa Pos. 1,2,3  
Seq#:31; N Pos. 9,10,11,12,13,14,15,16,17,24,25,26,27,28,29,30,31,32,39,40  
Seq#:31; N Pos. 41,51,52,53  
Seq#:32; N Pos. 18,19,20,21,22,23,33,34,35,36,37,38,42,43,44,45,46,47,48,49  
Seq#:32; N Pos. 50  
Seq#:33; N Pos. 9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28  
Seq#:33; N Pos. 29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48  
Seq#:33; N Pos. 49,50,51,52,53

**VERIFICATION SUMMARY**

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Input Set : N:\Crf3\RULE60\10820403.raw

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L:28 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:55 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:1135 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0  
L:1158 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0  
L:1173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0